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Application No.: 09/723,722
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PATENT

D1
1. (Amended) A β -secretase enzyme protein purified to apparent homogeneity comprising a peptide that is fewer than 460 amino acids in length, and includes an amino acid sequence that is at least 90% identical to SEQ ID NO: 43 [46-501].

D2
5. (Amended) A β -secretase enzyme protein purified to apparent homogeneity comprising a peptide that is fewer than 450 amino acids in length, and includes an amino acid sequence that is at least 90% identical to SEQ ID NO: 70 [63-452].

D3
18. (Amended) The purified protein of claim 1, wherein said protein has an N-terminal residue corresponding to a residue selected from the group consisting of residues 46, 58 and 63 with respect to SEQ ID NO: 2 and a C-terminus selected from a residue between positions 452 and 501 with respect to SEQ ID NO: 2.

REMARKS

After entry of this amendment, claims 1-13, 18-37, 39-131 are pending, and claims 1-13, 18-22, 37, and 39-53 are under consideration. Claims 23-36 and 54-131 have been withdrawn and claims 14-17 and 38 have been canceled. Claims 1, 5, and 18 have been amended. The amendments to the claims add no new matter.

Applicants elect Group I, claims 1-22 and 37-53, with traverse.

Groups II and III

The Examiner is requested to consider rejoining Group II with Group III for prosecution in the same application. Group II consists of claims 23-36; and, Group III consists of claims 23-31. The result of the restriction is that claims 23-31 have been restricted into two groups, i.e., Group II and Group III. Election of Group II and prosecution of claims 23-36 in one application and election of Group II and prosecution of claims 23-31 in different application might result in claims 123-31 issuing in two separate patents for the same invention.

Groups VIII, IX, and X; Groups IX and X